705-DS Dissolution Apparatus

The most efficient and economical dissolution instrument on the market, the Varian 705-DS Dissolution Apparatus is designed with you, the user, in mind. It is intuitive to operate, with simple features that make analyst training and lab integration easy. Although simple, this unit meets all regulatory requirements of the USP, EP, and JP to further facilitate system integration.

Variable	Specification
Condition	Operating but not necessarily meeting performance specifications
Altitude	0 - 2000 m (0 - 6562 ft.)
Temperature	5 to 40 °C
Humidity (non-condensing)	Not more than 80% RH
Voltage requirements	115 V / 60 Hz
	230 V / 50 Hz
Current requirements	115 V—2.0 Amp
	230 V—2.0 Amp
Fuse requirements	115 V—2.0 Amp, 250 V, 5 x 20 mm
	230 V—2.0 Amp, 250 V, 5 x 20 mm
Spindle speed range	10-250 RPM
Spindle speed accuracy	± 2% (R2D2; 10 RPM ± 1.5%; 20+ RPM ± 1%), USP/EP spec: ± 4%
Speed selection	Via touch screen
Water bath temperature range	Ambient +5 to 55 °C
Temperature probe accuracy	± 0.2 (°C) , USP/EP spec: ± 0.5
Sampling	Manual, or automated via VK 8000 using resident probes
Displays	Spindle speed, bath temperature, elapsed time, date clock
Spindle material	Stainless steel
Drive unit	Motor drive, controllable from touch screen
Display	Liquid crystal display, touch screen
Keypad	Chemical resistent touch screen
Dimensions	Height: 92.5 cm (36.375 in.)
	Width: 66 cm (26 in.) including bath fittings
	Depth: 60 cm (23.5 in.)
Machine weight	54.4 kg (120 lb), dry with heater, vessels and paddles
Printer (optional)	Impact

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